RECEIVED CENTRAL FAX CENTER

MAR 1 5 2010

Appl. No. 10/566,338 Reply to Office Action of October 13, 2009 Page 2 of 13

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 1. (Previously Amended) A composition comprising a hexane extracted bioactive fraction obtained from fruits of *Cinnamomum zeylanicum*, the composition having a moisture content of between 4% to 6%.
- 2. (Cancelled) A composition as claimed in claim 1, wherein the bioactive fraction is a hexane extract obtained from the fruits of *Cinnamomum zeylanicum*.
- (Original) A composition as claimed in claim 1, wherein the composition has antibacterial activity against gram positive and gram negative bacterial in the range of 200-500 ppm.
- 4. (Original) A composition as claimed in claim 1, wherein the composition has antibacterial activity against Bacillus cereus, Bacillus subtilis, Bacillus coagulans, Pseudomonas aeruginosa, Staphylococcus aureus.
- 5.-8. (Cancelled)
- 9. (Previously Withdrawn) A process for preparing antibacterial bioactive fraction having

Moisture:

4-6%

Color:

Greenish white

Flavor:

Mild salty flavor

from the unconventional parts of Cinnamomum zeylanicum, said process comprising the steps of:

Appl. No. 10/566,338 Reply to Office Action of October 13, 2009 Page 3 of 13

- (a) extracting the powdered fruits of Cinnamomum zeylanicum with an organic solvent at a temperature in the range of 55-60°C for a time period in the range of 60-80 mesh;
- (b) filtering and concentrating the solvent obtained in step (a) to obtain a concentrate and to recover upto 90% of the solvent;
- (c) drying the concentrate obtained in step (b) in a vacuum oven at 40-50oC under vacuum at 10-25 mm of mercury to obtain the antibacterial bioactive fraction.
- 10. (Previously Withdrawn) A process as claimed in claim 9 wherein the organic solvent used is hexane.
- 11. (Previously Withdrawn) A process as claimed in claim 10 wherein the yield of hexane extract is about 1.5 to 3.0%.
- 12. (Previously Withdrawn) A process as claimed in claim 9 wherein the filtration is carried out by conventional methods.
- 13. (Previously Withdrawn) A process as claimed in claim 9 wherein the concentration temperature is of $55 60^{\circ}$ C.
- 14. (Previously Withdrawn) A process as claimed in claim 9 wherein the antibacterial bioactive fraction thus obtained has antibacterial activity against gram positive and gram negative bacterial in the range of 200-500 ppm.
- 15. (Previously Amended) A composition containing an antibacterial bioactive fraction, the fraction comprising a hexane extract of fruits of *Cinnamomum zeylanicum*.
- 16. (Previously Amended) The composition of claim 15, wherein the composition contains hexane.

Appl. No. 10/566,338 Reply to Office Action of October 13, 2009 Page 4 of 13

- 17. (Previously Presented) The composition of claim 15, wherein the composition has antibacterial activity against gram positive and gram negative bacterial in the range of 200-500 ppm.
- 18. (Previously Amended) A composition comprising an antibacterial bioactive fraction extracted from powered fruits of Cinnamomum zeylanicum by a process comprising the steps of:
 - (a) providing powdered fruits of Cinnamomum zeylanicum;
 - (b) extracting the powdered fruits of Cinnamomum zeylanicum with an organic solvent at a temperature in the range of 55°C to 60°C for a time period ranging between 6 to 8 hours to form a solvent extract from the powdered fruits of Cinnamomum zeylanicum;
 - (c) filtering and concentrating the solvent extract obtained in step (b) to obtain a concentrate and to recover up to 90% of the solvent;
 - (d) drying the concentrate obtained in step (b) in a vacuum oven at 40-50°C under vacuum at 10-25 mm of mercury to obtain the antibacterial bioactive fraction.